

2026

THE YEAR OF **BLADE**

CATALOG & LOOKBOOK

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Designed in Anna Maria Island, Florida

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R.1.

At Blade, we don't just make outboards. We redefine what it means to be on the water....

For too long, boaters have had to accept compromises: noisy engines, high maintenance, and underwhelming performance. Blade changes all of that. Every motor, battery, and Accessory is engineered to deliver **uncompromising power, reliability, and freedom** — Built to outperform what came before.

Relentless innovation. Continuous improvement. Firmware updates, smarter tech, and new features every year ensure our products are always ahead of the curve, giving boaters performance and confidence that others can't match.

Blade is more than an outboard. It is a philosophy: clean power, intelligent design, and the Freedom to enjoy the water on your terms. Relentless innovation. Continuous improvement. Firmware updates, smarter tech, and new features every year ensure our products are always ahead of the curve, giving boaters performance and confidence that others can't match. Blade is more than an outboard. It is a philosophy: clean power, intelligent design, and the freedom to enjoy the water on your terms.



BoatWorld Stand, Southampton Boat Show,
United Kingdom, September 2025

Our Story

Our founders, longtime colleagues and lifelong boaters, shared a frustration with both the electric and petrol outboard options in the small-horsepower range — too fragile, too loud, too inefficient. Having worked together professionally before, they decided to create something better starting in 2022. Growing up on the beaches and spending countless hours on the water, they understood what boaters truly needed: reliable power, quiet operation, and refined engineering that enhances time on the water. From that shared vision, Blade Outboards was born — proudly designed in the United States of America to fill the gap where the market had failed.

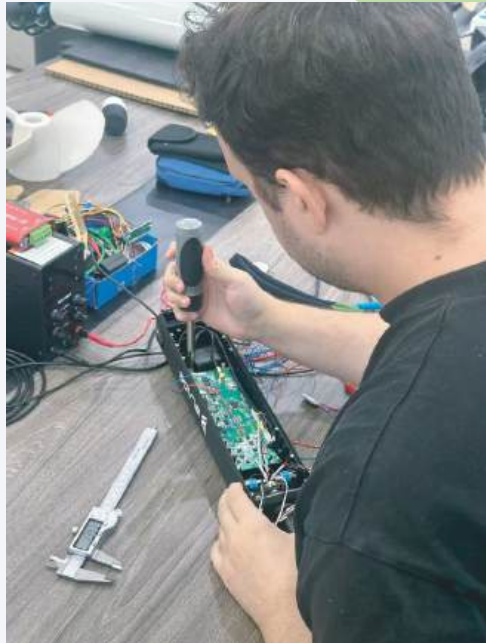
Blade Outboards is built on precision, innovation, and uncompromising performance. Founded and designed on the sun-soaked shores of Anna Maria Island, our team brings decades of expertise in high-performance product development, advanced manufacturing, and system reliability. With engineers from SpaceX, Airbus, and leading technology firms, we merge aerospace precision with marine practicality to redefine what electric propulsion can be.

Our shareholders operate aerospace manufacturing facilities with more than 15 years of experience producing high-reliability, high-precision components for demanding environments. That same commitment to excellence flows into every Blade outboard — built to aerospace-grade standards of durability and performance, and engineered for real-world adventure, wherever the water takes you.



Proudly designed and engineered with American innovation and precision. Every Blade Outboard reflects the craftsmanship, performance, and integrity that define American engineering.

Our Vision & Philosophy



Built for the Boater

Blade merges elite engineering with real-world boating experience. Our founders grew up exploring the sun-soaked waters of Anna Maria Island, Florida, and that spirit informs every design decision. From sleek coastlines to open-water adventures, our systems deliver freedom, confidence, and unmatched performance — all at a price that brings cutting-edge marine technology within reach.

We aim to raise the standard for the entire industry, showing that an electric outboard can be powerful, reliable, sustainable, and affordable, all at once. Blade is about giving boaters the best possible experience, without compromise or unnecessary cost.

Our Vision

Blade exists to redefine marine propulsion. We imagine a world where boating is clean, quiet, effortless, and accessible to everyone. Our mission is to deliver systems that perform flawlessly while offering the highest value at the lowest possible cost, proving that premium engineering doesn't have to come with a premium price tag.

We believe that every boater deserves freedom, reliability, and confidence on the water. By combining smart engineering with sustainable design, Blade makes advanced technology affordable and practical for real-world use — whether it's a weekend adventure, family outing, or commercial application.

Our Philosophy

We live by a single guiding principle: never compromise. Every motor, battery, and accessory is engineered for long-term reliability, peak performance, and continuous improvement. Our products evolve over time, with firmware updates, new features, and smarter technology delivered regularly to ensure Blade remains the most capable, adaptable, and forward-thinking system on the water.



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R&D Commitment

Engineering with Purpose

Every innovation at Blade is inspired by the boater's experience. Ergonomic throttles, modular batteries, and intuitive connectivity are designed to enhance usability, reliability, and enjoyment on the water.

Built for the Future

Our R&D commitment is more than technology — it's a promise: to lead the industry in electric marine propulsion, to deliver the highest performance, reliability, and value, and to constantly push the boundaries of what's possible on the water.

Relentless Innovation

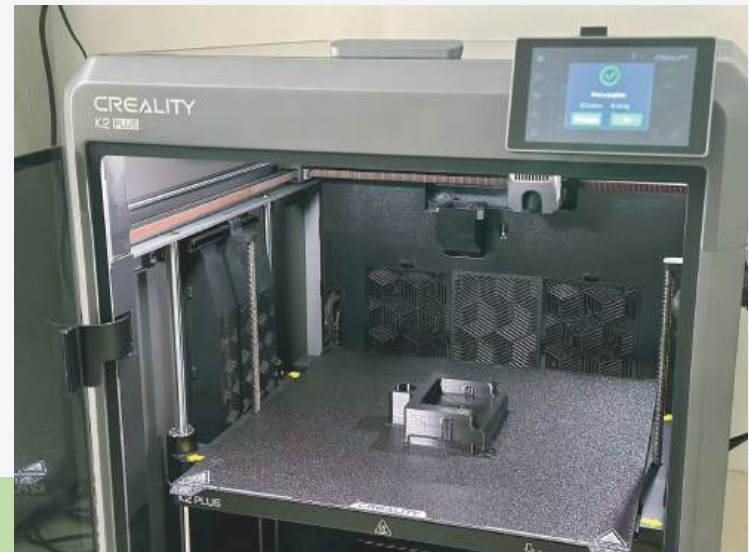
At Blade, innovation never stops. Our R&D team combines decades of experience from aerospace, electric mobility, & high-tech industries to push the limits of marine propulsion. Every motor, battery, and accessory is engineered with precision, performance, and longevity in mind.

Prototyping and Testing

From 3D-printed prototypes to full-scale test rigs, every component undergoes rigorous evaluation. CFD simulations, accelerated life testing, and real-world water trials ensure each system performs flawlessly under the toughest conditions.

Continuous Improvement

We don't just release a product — we continuously refine it. Firmware updates, new features, and Performance optimizations are delivered regularly, keeping Blade systems ahead of the curve and ensuring boaters get the latest advancements without replacing hardware.





Sustainability

Sustainability at Every Level

At Blade, sustainability goes beyond our products — it is built into everything we do as a company. From responsible sourcing and supply chain audits to reducing waste, cutting paper use, and optimizing energy consumption, we make corporate choices that support a cleaner, more responsible future.

Clean, Efficient Power

Our electric outboards eliminate fuel spills, oil changes, and exhaust emissions, keeping waterways clean and safe. High-efficiency motors and smart energy management deliver quiet, reliable power with minimal waste, giving boaters longer adventures with less impact

Driving a Greener Marine Industry

By combining cutting-edge technology with environmental responsibility, Blade empowers boaters to make smarter choices. From production to the water, we set a new standard for efficiency, transparency, and sustainability, proving that a premium marine experience can also be responsible

01

Product line Overview



The Blade Lifestyle

Boating with Blade is about more than propulsion — it's about freedom, adventure, and making memories on the water. Picture a quiet morning fishing with your kids, the sun rising over the bay, and the only sound being the gentle hum of your Blade outboard. From exploring hidden coves to weekend trips with family and friends, Blade delivers smooth, quiet, and effortless power, letting you focus on the moments that matter Most.

Our electric outboards are designed for those who value performance without compromise, while caring about the environment and future generations. No fumes, no noise, no hassle — just pure enjoyment and connection to Nature.

Every Blade experience is built around the boater. Ergonomic controls, intuitive app connectivity, and reliable systems mean you spend more time exploring and sharing moments with loved ones, and less time worrying about the mechanics. From first light to sunset, Blade lets you embrace every adventure with confidence, joy, and style.



The Halo Ecosystem

The Blade Halo Ecosystem is more than a motor — it's a complete system designed to bring power, control, and connectivity together. Every product in the Halo family is built to work seamlessly as part of a unified whole, from outboards to batteries, throttles, and smart Accessories.

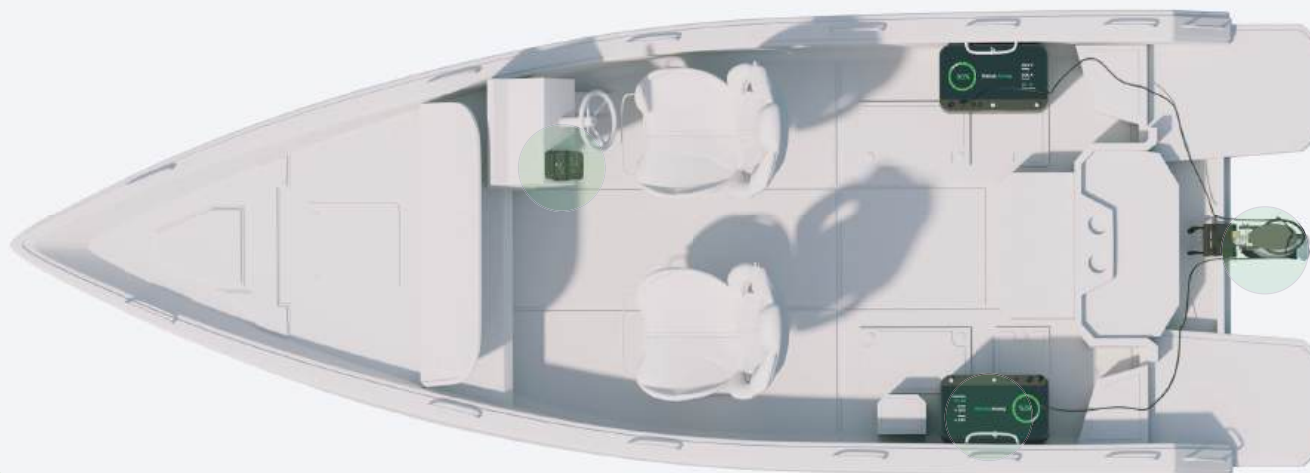
At the heart of the system are the Halo outboards, delivering clean, efficient propulsion. Supporting them are high-performance batteries, designed for endurance and safety. The helm throttles put precision control at your fingertips, while the Blade App connects it all, giving you live insights, updates, and smarter management of your boating Experience.

The Halo Ecosystem grows with you — whether you're looking for weekend adventures, commercial reliability, or fleet-scale solutions, Blade ensures every component is engineered to the same standard: reliable, affordable, and future-ready.

+30

Accessories
& Components





Halo Outboards The core of the ecosystem, Halo outboards deliver quiet, efficient, and powerful Propulsion with aerospace-grade engineering. Built for reliability and performance, they redefine what an electric outboard can be.

Halo Batteries (Internal & External) Engineered for safety, endurance, and fast charging, Halo batteries provide the backbone of clean, reliable energy. Whether integrated or external, each pack is designed for maximum efficiency and long life on the water

Halo App The Blade App keeps you connected with real-time performance data, firmware updates, and smart diagnostics. Simple and intuitive, it gives you confidence and control every time you launch.

Halo Throttles Precision-crafted single and dual helm throttles put seamless control at your fingertips. With ergonomic design and digital responsiveness, they make every journey effortless

Halo Accessories From charging harnesses to smart connectors, Halo accessories ensure your system runs seamlessly and reliably. Each piece is engineered to the same standard as our outboards and batteries, delivering effortless compatibility and durability

Design Language Same streamlined, modern industrial design across all models for a consistent premium look.

Plug & Play Controls Universal compatibility with Blade Tiller and external throttle systems.

Battery Ecosystem Compatible with both the 1.7 kWh and 5 kWh Blade batteries, with hot-swap capability.

Charging Solutions Shared fast chargers, compact chargers, & solar charging systems across the range.

Smart Connectivity Same Blade smartphone app for telemetry, updates, and diagnostics.

Telemetry & Display Integrated digital screens on tillers or remotes with consistent UI.

Safety Systems Standard magnetic kill switch, soft-start docking mode, and auto-shutdown

Low Maintenance All models require no regular servicing thanks to sealed brushless motors and gear systems

Accessory Compatibility Same mounts, handles, carry systems, and transport bags across the HALO line

Warranty & Support Shared 2-year warranty and global support structure

Modular Expansion System designed to scale — same app, same accessories, same power ecosystem regardless of outboard size

Waterproof & Rugged All models built with military-grade aluminum housings and marine-grade stainless fasteners

Corrosion Resistance Hard anodization and coatings suitable for saltwater and freshwater use

Noise & Vibration 60 dB brushless BLDC motors across the lineup for silent operation

BLADE HALO

3,6 & 10



The Halo Series is built for explorers—whether it’s peaceful mornings on the lake, long days chasing the horizon, or powering through open water with confidence. Every model carries Blade’s spirit of innovation and reliability, giving you the freedom to choose the right balance of speed, range, and capability for your adventures. Comparing the Halo motors shows you which one is ready to take your journey further.

VALUE	BLADE HALO 3	BLADE HALO 6	BLADE HALO 10
Nominal Power (electrical) Continuous	1200w	3000w	6000w
Boost Power (up to 3 minutes)	1250w	3300w	6300w
Battery Type	Swappable, Included	Swappable, Included	External Halo Battery Required
Battery Capacity	1700Wh	1700Wh	N/A
Top Speed*	10.0kmph	19.0kmph	27kmph
Weight (ex battery)	15.0kg	17.0kg	19.4kg
Internal Battery Suspension	Yes, Basic	Yes, Advanced	N/A
Anti-theft App	No	Yes	Yes
Bluetooth	Yes	Yes	Yes
NMEA2000 Connectivity	No	Yes	Yes
GPS Technology	No	Yes	Yes
Smart Phone App	Yes	Yes	Yes
Compatible Batteries	All Halo Batteries	All Halo Batteries	All Halo Batteries, 5kW Reccomended
Compatible with 3rd party Batteries**	Yes	Yes	Yes

**Top speeds are measured on a 3m RIB with one person onboard under ideal conditions. Actual performance may vary depending on boat type, load, and water conditions, and speeds are not guaranteed. Specifications and results are subject to change without Notice.*

***Halo series outboards support the use of third-party batteries; however, any issues arising from misuse, improper setup, or incompatibility may affect warranty coverage. When using non-Blade batteries, the system will not detect state of charge, and certain smart features may be unavailable.*

HALO Comparison Charts



The Blade Halo 3, 6, and 10 outboards redefine what's possible in electric propulsion. While competitors struggle to balance performance, efficiency, and price, Halo delivers unmatched speed, range, and reliability across every model. With best-in-class batteries, seamless plug-and-play design, and a premium build at a price point that makes sense, the Halo lineup consistently outpaces legacy brands and sets a new standard for electric boating

(I) Comparison Chart HALO 3

VALUE	BLADE HALO 3	EPROPULSION SPIRIT 1.0 PLUS	TORQUEEDO TRAVEL	TEMO1000	MERCURY A VATAR 7.5E	REMIGO ONE NEO
Power (electrical) Continuous Watts	1200	1000	1100	1100	916	1500
Battery Capacity watt hour	1700	1280	1080	940	1000	1085
Swappable Inline Battery	yes	yes	yes	yes	yes	no
Weight (incl. Battery)	22.7	19.4	20.2	16.0	27.1	15.5
Hydroregeneration	yes	yes	no	no	no	no
Approx Price US Dollar	2,200	2,604	3,077	3,433	3,278	3,314

(II) Comparison Chart HALO 6

VALUE	BLADE HALO 6	TORQEEDO TRAVEL XP	TORQEEDO CRUISE 3.0 R	EPROPULSION NAVY 3.0 EVO	MOMENTUM U2
Power (electrical) Continuous Watts	3000	1600	1100	1100	916
Battery Capacity watt hour	1700	1425	1080	940	1000
Swappable Inline Battery	yes	yes	no	no	yes
Hydroregeneration	yes	no	no	yes	no
Weight (excl. battery)	17.0	22.2	19.4	25.1	17
Approx Price US Dollar	2,900	4,084	4,676	3,492	3,340

(III) Comparison Chart HALO 10

VALUE	BLADE HALO 10	EPROPULSION NAVY 10	TORQEEDO CRUISE 6.0 R	MERCURY AVATOR 35E
Power (electrical) Continuous Watts	6000	6000	6000	4400
Hydroregeneration	Yes	Yes	No	No
Weight	19.4	36	21	21.3
NMEA2000	Yes	No	No	No
Bluetooth + 4G LTE	yes	No	no	no
Approx Price US Dollar	2,959	4,144	5,624	5,564

**Comparisons are based on publicly available information and may change without notice. All specifications and pricing are approximate and indicative only and may vary by location. Competitor brand names belong to their respective owners. All prices reflect with 18% tax fairly.*



BLADE HALO 3

Introduce

- For Tenders, Dinghies, Ribs, or Day Sailers up to 2,000LBS/1 Metric Ton
- The Blade Halo 3 is your perfect entry point into electric boating—compact, affordable, and engineered with the same DNA as our larger outboards. Designed for lightweight tenders, fishing boats, and small craft, it delivers quiet performance, easy handling, and all the benefits of the Halo ecosystem in a portable package.
- Equivalent to 3 Horsepower ICE Outboard Engine

Use case

- The Halo 3 is perfect for small craft under 5 meters, making it one of the most versatile compact outboards in its class. It's ideal for dinghies and tenders when shuttling to shore, inflatable boats and small RIBs used for day trips or exploring coves, and light fishing boats on lakes and rivers where quiet, clean propulsion is an advantage. Families will love it on picnic boats or small leisure craft, offering safe and simple handling for kids or first-time boaters. Thanks to its light weight and ease of mounting, the Halo 3 is also a go-to choice for backup or auxiliary power on sailboats, giving sailors peace of mind when docking or motoring in calm harbors



3 Horsepower



10kmph
5.4 knots



Up to 2,000lbs
1 Metric Ton



Short Shaft – for transoms under 15 inches **SKU 168302**

Long Shaft – for transoms over 15 inches **SKU 168301**

Advantages

Ultra-Quiet Operation	Runs at under 60 dB, quieter than a conversation for stress-free boating.
Best-in-Class Battery	Paired with a 1700 Wh Blade battery, delivering unmatched runtime in its category.
Multiple Drive Modes	Eco, Normal, and Soft Start/Docking modes for smooth maneuvering in tight spaces.
Premium Materials	Built from military-strength aluminum alloys and 300-series marine-grade stainless steel for corrosion resistance and durability.
Ambidextrous Throttle	180° rotation allows both left- and right-handed operation with ease.
Battery Suspension System	Integrated shock isolation absorbs impacts when inserting the battery, extending lifespan and reliability.
Brushless Motor Technology	High-efficiency BLDC design means no maintenance, no brushes to wear out, and a longer service life.
Zero Emissions	Clean propulsion with no fumes, fuel, or oil to manage
Lightweight Design	Easy to transport, mount, and handle on and off the boat.
Low Operating Costs	Minimal upkeep, no fuel expenses keep total ownership cost far below gas outboards.

Technology

Hydro-Regeneration

Charges the battery under sail or when the boat is moving, extending range and efficiency

Digital Screen

Real-time telemetry shows speed, range, and system data at a glance

Smartphone App

Connects your outboard for monitoring, firmware updates, and added features

Magnetic Kill Switch

Safety-first design instantly cuts power in an emergency

Push-Button Start

Hassle-free, modern starting at the touch of a button.

Warranty, Support & Certification

Warranty & Support

Every Blade Halo 3 is backed by our **2-year limited warranty**, covering both parts and workmanship to ensure complete peace of mind on the water. Beyond the warranty, Blade provides **direct access to our global support network**, with service partners and technical experts ready to help wherever you boat. Firmware updates and continuous improvements are delivered free of charge, keeping your system smarter and more capable year after year

Certification

CE

UK
CA



UN38.3



POWER (W)	SPEED (KMPH)	RUN TIME (HOURS)	RANGE (KM)
250	5.9	6.8	40.1
500	7.5	3.4	25.5
750	8.5	2.2	18.7
1000	9.5	1.7	16.1
1200	10.5	1.4	10.4

RANGE

The Halo 3 delivers best-in-class range and efficiency, powered by a premium high-efficiency motor and controller engineered to extract every watt of performance. Paired with the largest battery in its class, it offers longer runtime and more adventure on the water than any competitor.

**Range data measured on a 3m inflatable RIB with a 55 kg operator. Actual performance will vary with load, conditions, and usage. Results are not guaranteed and are subject to change without notice.*



What's in the box?

- Blade Halo 3 Motor (Short or Long Shaft)
- 1.7 kW Blade Battery
- 300W Battery Charger (EU Plug)
- Blade Tiller (with ambidextrous throttle)
- High-Performance Propeller
- Magnetic Kill Switch & Safety Lanyard
- User Manual & Quick Start Guide
- Warranty Card
- Quality Certification Documents
- Standard Mounting Hardware

Technical Specifications

Power Input Continuous	1200W	Input Voltage	USB-C Charger Port	Phone Charger	USB-C Charger Port
Power Input Boost	1250W	Variants	Long Shaft, Short Shaft	Shaft Lengths (S,L)	650,750mm
Battery	1700WH Integrated	Control	Tiller Included, External Throttle Optional	Propeller	Composite 10x11 2 Blade Propeller
Top Speed*	10kmph	Hydroregeneration	Yes	External Battery Compatible	Yes Halo 5kW, + 3rd party
Range*	Up to 40km 6.8h 250w	Bluetooth Phone App	Yes, Free of Charge	Safety	Kill Switch, Shear Pin, Over-voltage and BMS protections
Weight (ex battery, transom)	15kg	Charger	300W Charger Included	Battery Technology	NMC Grade A
Battery Weight	7.7kg	Charge Time	7 Hours to Full	Battery Protection	Advanced BMS with 15+ Protections
Total Net Weight	25kg	Battery Suspension	Yes, Basic	Certifications	CE, UKCA, ROHS, UN38.3
Shipping Weight	29kg	Trim Angles	0,8,16,24,32,90deg		
Input Voltage	48-58V	Motor Type	Brushless DC Motor		
Other Features	Haptic Feedback, Buzzer, Padlock Holes				

Flagship Model

BLADE HALO 6



6 Horsepower



19.0 kmph
10.2 knots



Up to 4,000lbs
2 Metric Ton

Introduce

The BLADE Halo Flagship Motor. For Tenders, Dinghies, Ribs, or Day Sailers up to 4,000LBS/2 Metric Ton. The Blade Halo 6 is the flagship of the Halo lineup—delivering the perfect balance of power, efficiency, and cutting-edge design. Built for medium-sized craft, fishing boats, and day cruisers, it offers smooth, quiet, and reliable performance with the strength to handle more demanding applications. As the benchmark of our Halo ecosystem, the Halo 6 combines advanced engineering with user-friendly design, setting the standard for modern electric boating. Equivalent to 6 Horsepower ICE Outboard Engine

Use case

The Halo 6 is the flagship choice for boats up to 7 meters, delivering the perfect balance of power and efficiency for a wide range of applications. It's ideal for fishing boats, day cruisers, and family runabouts where quiet, clean propulsion enhances every trip. With enough strength for medium-sized RIBs and leisure craft, it offers dependable performance whether exploring coastal waters, cruising rivers, or spending the day on the lake. Families and casual boaters will appreciate its safe, easy handling, while more experienced owners will value its capability for longer outings and more demanding conditions. As the benchmark of the Halo lineup, the Halo 6 is also a trusted main power solution for sailboats, providing reliable thrust when docking, motoring through calm harbors, or venturing offshore.



Short Shaft – for transoms under 15 inches **SKU 168436**

Long Shaft – for transoms over 15 inches **SKU 168435**

Advantages

Ultra-Quiet Operation	Runs at under 60 dB, quieter than a conversation for stress-free boating
Best-in-Class Battery	Paired with a 1700 Wh Blade battery, delivering unmatched runtime in its category
Multiple Drive Modes	Eco, Normal, and Soft Start/Docking modes for smooth maneuvering in tight spaces.
Premium Materials	Built from military-strength aluminum alloys and 300-series marine-grade stainless steel for corrosion resistance and durability.
Ambidextrous Throttle	180° rotation allows both left- and right-handed operation with ease.
Battery Suspension System	An upgraded, advanced suspension system designed to protect the battery from vibration and shock, extending durability and overall lifetime
Brushless Motor Technology	High-efficiency BLDC design means no maintenance, no brushes to wear out, and a longer service life
NMEA 2000® Connectivity	Fully compatible with the NMEA 2000 network standard, enabling seamless integration with multifunction displays and onboard electronics
5G LTE Connectivity	Real-time performance data monitoring, remote system updates, and integrated anti-theft protection with instant alerts and tracking
Low Operating Costs	Minimal upkeep and no fuel expenses keep total ownership cost far below gas outboards

TECHNOLOGY



Hydro-Regeneration

Charges the battery under sail or when the boat is moving, extending range and efficiency



Digital Screen

Real-time telemetry shows speed, range, and system data at a glance



Smartphone App

Connects your outboard for monitoring, firmware updates, and added features



Magnetic Kill Switch

Safety-first design instantly cuts power in an emergency



Push-Button Start

Hassle-free, modern starting at the touch of a button

Warranty, Support & Certification

Warranty & Support

Every Blade Halo 6 is backed by our 2-year limited warranty, covering both parts and workmanship to ensure complete peace of mind on the water. Beyond the warranty, Blade provides direct access to our global support network, with service partners and technical experts ready to help wherever you boat. Firmware updates and continuous improvements are delivered free of charge, keeping your system smarter and more capable year after year

Certification

CE

UK
CA



UN38.3



POWER (W)	SPEED (KMPH)	RUN TIME (HOURS)	RANGE (KM)
250	5.9	6.8	40.1
500	7.5	3.4	25.5
750	8.5	2.2	18.7
1000	9.5	1.7	16.1
2000	16.5	0.8	13.2
3000	19.1	0.6	11.4

RANGE

The Halo 6 delivers best-in-class range and efficiency, powered by a premium high-efficiency motor and controller engineered to extract every watt of performance. Paired with the largest battery in its class, it offers longer runtimes and more adventure on the water than any competitor

**Range data measured on a 3m inflatable RIB with a 75 kg operator. Actual performance will vary with load, conditions, and usage. Results are not guaranteed and are subject to change without notice*



What's in the box?

- 1.7 kW Blade Battery
- 300W Battery Charger (EU Plug)
- Blade Tiller (with ambidextrous throttle)
- High-Performance Propeller
- Magnetic Kill Switch & Safety Lanyard
- User Manual & Quick Start Guide
- Warranty Card
- Quality Certification Documents
- Standard Mounting Hardware

Technical Specifications

Power Input Continuous	3000W
Power Input Boost	3300W
Battery	1700Wh Integrated
Top Speed*	19kmph+
Range*	Up to 40km 6.8h @ 250w
Weight (ex battery, transom)	17kg
Battery Weight	7.7kg
Total Net Weight	27kg
Shipping Weight	32kg
Input Voltage	48-58V
Variants	Long Shaft, Short Shaft

Control	Tiller Included, External Throttle Optional
Hydroregeneration	Yes
Bluetooth Phone App	Yes, Free of Charge
Charger	300W Charger Included
Charge Time	7 Hours to Full
Battery Suspension	Yes, Basic
Trim Angles	0,8,16,24,32,90deg
Motor Type	Brushless DC Motor
Phone Charger	USB-C Charger Port
Shaft Lengths (S,L)	650,750mm

Propeller	Composite 10x17 3 Blade Propeller
External Battery Compatible	Yes Halo 5kW, + 3rd party
Safety	Kill Switch, Shear Pin, Overvoltage and BMS protections
Battery Technology	NMC Grade A
Battery Protection	Advanced BMS with 15+ Protections
Certifications	CE, UKCA, ROHS, UN38.3
Other Features	Haptic Feedback, Buzzer, Padlock Holes, Anti-Theft, 5G LTE, Bluetooth, NMEA2000

BLADE HALO 10

Introduce

- For Tenders, Dinghies, Ribs, or Day Sailers up to 8,000LBS/4 Metric Ton
- The Blade Halo 10 delivers powerful, efficient, and refined electric propulsion for larger craft up to 9 meters. Designed for offshore fishing boats, performance RIBs, and day cruisers, it provides smooth, quiet, and dependable performance with the endurance to handle more demanding waters. As part of the advanced Halo ecosystem, the Halo 10 combines precision engineering with user-friendly design, giving boaters a reliable and modern alternative to traditional outboards.
- Equivalent to 10 Horsepower ICE Outboard Engine

Use case

- The Halo 10 is the ultimate choice for larger boats up to 9 meters, delivering flagship-level power, extended range, and uncompromising efficiency. Perfect for offshore fishing boats, spacious day cruisers, and performance-oriented RIBs, it provides the strength and endurance to handle demanding conditions with ease. Families and leisure boaters will enjoy its quiet, eco-friendly operation, while seasoned skippers will appreciate its robust capability for longer coastal runs and challenging waters. As the powerhouse of the Halo lineup, the Halo 10 is also an ideal main propulsion system for larger sailboats, ensuring reliable thrust for docking, motoring in calms, or extended cruising offshore



10 Horsepower



27kmph
14.5 knots



Up to 8,000lbs
4 Metric Ton



Short Shaft Tiller – for transoms under 15 inches **SKU 168309**

Long Shaft Tiller – for transoms over 15 inches **SKU 168308**

Short Shaft External Throttle – for transoms under 15 inches **SKU 168311**

Long Shaft External Throttle – for transoms over 15 inches **SKU 168310**

Advantages

- Ultra-Quiet Operation** Runs at under 60 dB, quieter than a conversation for stress-free boating.
- Multiple Drive Modes** Eco, Normal, and Soft Start/Docking modes for smooth maneuvering in tight spaces.
- Premium Materials** Built from military-strength aluminum alloys and 300-series marine-grade stainless steel for corrosion resistance and durability.
- Ambidextrous Throttle** 180° rotation allows both left- and right-handed operation with ease.
- Brushless Motor Technology** High-efficiency BLDC design means no maintenance, no brushes to wear out, and a longer service life.
- Zero Emissions** Clean propulsion with no fumes, fuel, or oil to manage
- NMEA 2000® Connectivity** Fully compatible with the NMEA 2000 network standard, enabling seamless integration with multifunction displays and onboard electronics
- 5G LTE Connectivity** Real-time performance data monitoring, remote system updates, and integrated anti-theft protection with instant alerts and tracking
- Low Operating Costs** Minimal upkeep, no fuel expenses keep total ownership cost far below gas outboards.

Technology



Hydro-Regeneration

Charges the battery under sail or when the boat is moving, extending range and efficiency



Digital Screen

Real-time telemetry shows speed, range, and system data at a glance



Smartphone App

Connects your outboard for monitoring, firmware updates, and added features



Magnetic Kill Switch

Safety-first design instantly cuts power in an emergency



Push-Button Start

Hassle-free, modern starting at the touch of a button.

Warranty, Support & Certification

Warranty & Support

Every Blade Halo 10 is backed by our 2-year limited warranty, covering both parts and workmanship to ensure complete peace of mind on the water. Beyond the warranty, Blade provides direct access to our global support network, with service partners and technical experts ready to help wherever you boat. Firmware updates and continuous improvements are delivered free of charge, keeping your system smarter and more capable year after year

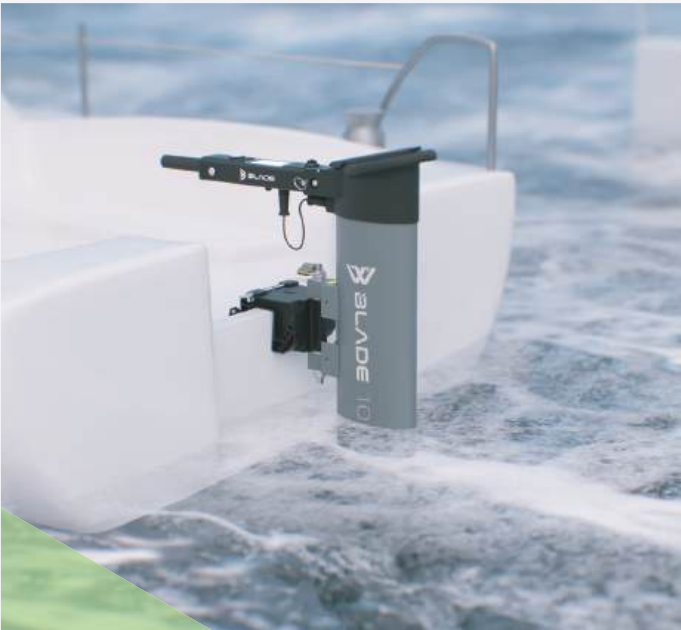
Certification

CE

UK
CA



UN38.3



Based on a 5kw External Battery Pack

POWER (W)	SPEED (KMPH)	RUN TIME (HOURS)	RANGE (KM)
750	8.0	6.7	53.4
1000	9.0	5.0	45.0
2000	16.0	2.5	40.0
3000	19.0	1.7	32.3
4500	23.2	1.1	25.5
6000	27.0	0.8	21.6

RANGE

The Halo 6 delivers best-in-class range and efficiency, powered by a premium high-efficiency motor and controller engineered to extract every watt of performance. Paired with the largest battery in its class, it offers longer runtimes and more adventure on the water than any competitor.

**Range data measured on a 3m inflatable RIB with a 55 kg operator. Actual performance will vary with load, conditions, and usage. Results are not guaranteed and are subject to change without notice*



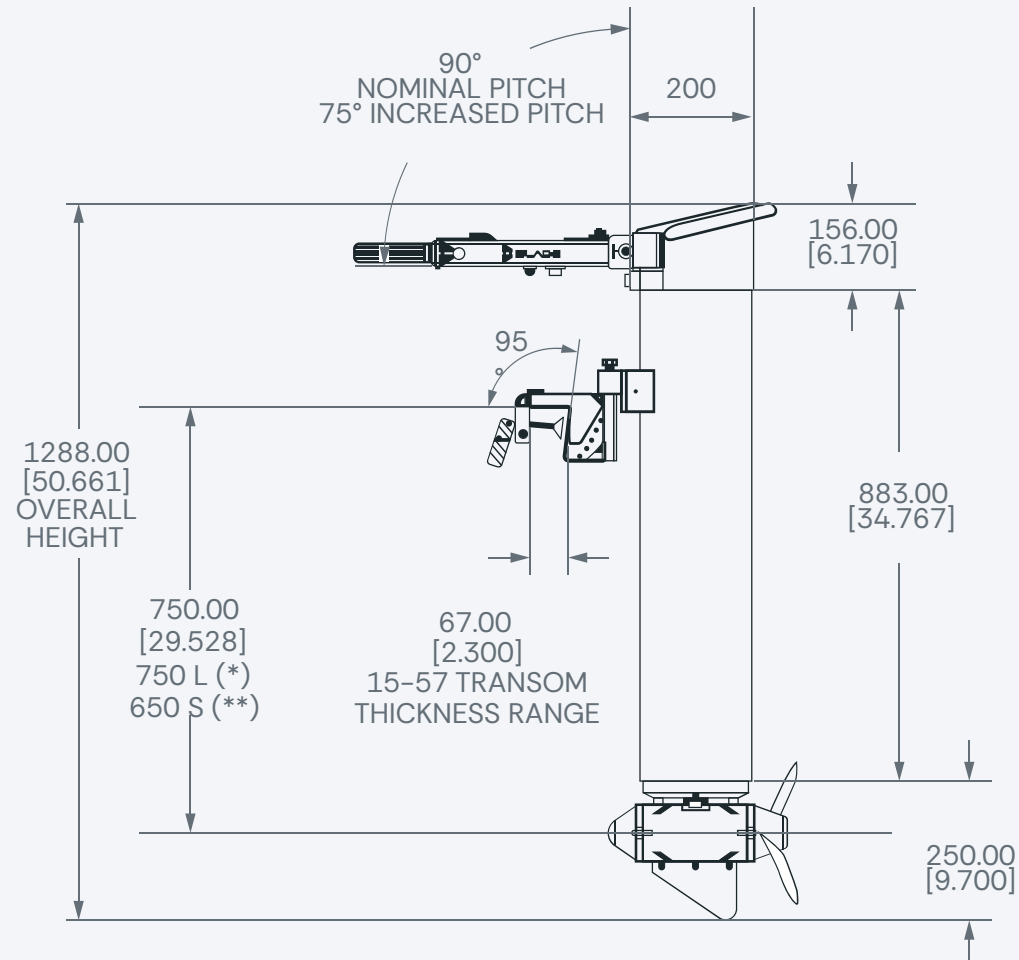
What's in the box?

- Blade Halo 10 Motor (Short or Long Shaft)
- Blade Tiller (with ambidextrous throttle) or External Throttle (Wired)
- Connection Cable for External Battery
- High-Performance Propeller
- Magnetic Kill Switch & Safety Lanyard
- User Manual & Quick Start Guide
- Warranty Card
- Quality Certification Documents
- Standard Mounting Hardware

Technical Specifications

Power Input Continuous	6000W	Bluetooth Phone App	Yes, Free of Charge	Safety	Kill Switch, Shear Pin, Overvoltage and BMS protections
Power Input Boost	6500W	Charger	Not Included	Battery Technology	Not Applicable
Battery	Not Included	Charge Time	Not Included	Battery Protection	Advanced BMS with 15+ Protections
Top Speed*	24kmph+	Battery Suspension	N/A	Certifications	CE, UKCA, ROHS, UN38.3
Weight	19.4kg	Trim Angles	0,8,16,24,32,90deg	Other Features	Haptic Feedback, Buzzer, Padlock Holes, Anti-Theft, 5G LTE, Bluetooth, NMEA2000
Total Net Weight	19.4kg	Motor Type	Brushless DC Motor		
Shipping Weight	25kg	Phone Charger	USB-C Charger Port		
Input Voltage	48-58V	Shaft Lengths (S,L)	650,750mm		
Variants	Long Shaft, Short Shaft	Propeller	Composite 11x20 3 Blade Propeller		
Control	Tiller Included, External Throttle Optional	Hydroregeneration	Yes		

Dimensions Overview



Each BLADE® Halo outboard is engineered with optimized dimensions for balance, performance, and durability.

The diagram below illustrates the standard measurements for the Halo 3, Halo 6, and Halo 10.

(*) the long version

(**) the short version



02

Blade Halo Accessories

Blade Halo Accessories are designed to enhance every aspect of your electric boating experience, offering added convenience, protection, and versatility. Each accessory is developed with the same focus on quality and innovation as the Halo outboards themselves, ensuring seamless integration and dependable performance. Whether for everyday use or specialized needs, they expand the functionality of your system and help you get the most out of your time on the water



HALO CARRYING BAG

SKU: 168333

Protect and transport your Halo outboard with a lightweight, durable bag featuring heavy-duty YKK zippers, reinforced handles, and double-stitched seams. Integrated wheels and padding ensure easy mobility and protection from scratches during storage or travel

Material: High Quality Nylon



HALO SACRIFICIAL ANODE KIT

HALO 3-6-10: 168334

Maintain peak performance and extend the life of your outboard with a replaceable sacrificial anode(s). Engineered for easy installation, it protects against galvanic corrosion in both salt and fresh water



ANTI-CAVITATION PLATE

SKU: 168361

Improve efficiency and reduce ventilation with an anti-cavitation plate tailored for Halo outboards. Easy to install, it enhances handling, stability, and overall performance at higher speeds. Hex key required for installation



SPARE BATTERY

SKU: 168312

Maximize your time on the water with a spare high-capacity battery pack. Perfect for extended trips or backup peace of mind, it provides seamless compatibility with the Halo ecosystem



SPARE PROPELLER 10×11 2-BLADE

SKU: 168337

Keep a spare propeller on hand to ensure uninterrupted performance. The precision-engineered 10×11 two-blade design delivers optimal thrust, efficiency, and durability across a wide range of conditions (For Blade 3 only)



SOLAR WITH MPPT

SKU: 168338

Harness clean energy with a solar charging kit equipped with maximum power point tracking (MPPT) technology. Ideal for extended outings or off-grid use, it provides efficient, reliable charging for your battery system.

200 Watt - 7,5kg



500W FAST CHARGER

SKU: 168339

Cut down charging time with a high-output 500W fast charger. Built with safety and efficiency in mind, it quickly restores battery capacity so you can get back on the water sooner



300W REPLACEMENT CHARGER

SKU: 168352

A dependable 300W replacement charger designed to match your original equipment. Compact and reliable, it offers safe, steady charging for your Halo batteries



BATTERY CONNECTOR WITH LUGS

3 METER SKU: 168353

5 METER SKU: 168354

Ensure secure and efficient power connections with a robust battery connector and lug set. Engineered for durability and ease of installation, it delivers reliable performance in marine environments



EXTRA LONG BATTERY CABLE

2 Meter: 168335

5 Meter: 168336

Extend your reach with a durable, marine-grade battery cable designed for efficient and reliable power delivery. Built with thick copper conductors and strong insulation, it ensures safe performance and resists abrasion, UV, and saltwater damage for lasting durability



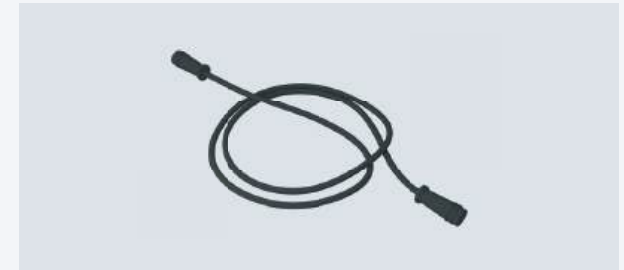
POWER T-SPLITTER

Battery Splitter (2) : SKU: 168355

Battery Splitter (3) : SKU: 168356

Battery Splitter (4) : SKU: 168357

Easily expand your runtime with a 2–4 way T-splitter designed for Halo 1.7 kW or 5 kW battery packs. The splitter allows multiple packs of the same capacity to be paralleled for extended power. All cables are 4 meters long. Do not split different capacity batteries or batteries not produced by Blade



TILLER CABLE EXTENSION

SKU: 168359

Extend your control range with this 4-meter tiller cable extension, built for durability and seamless integration with the Halo system. Marine-grade shielding and reinforced connectors ensure reliable performance and minimal signal loss, even in harsh environments. Flexible yet rugged, it gives you the freedom to position your controls exactly where you need them



REMOTE STEERING KIT

SKU: 168360

Expand your control options with a remote steering tilt tube designed for compatibility with standard marine steering systems. Strong and corrosion-resistant, it makes integration smooth and dependable. Works with SeaStar Remote Steering Systems



10x17 3 Blade Propeller Replacement

SKU: 168419

The Blade Halo 6 Replacement Propeller features a high-pitch design engineered for maximum thrust and top-end performance. Experience quicker acceleration and higher speeds — no more slow outboards.



ANTI-THEFT LOCKS SET

Keyed SKU: 168366

4 Digit Combination SKU: 168367

Secure your Halo outboard and accessories with a set of heavy-duty marine-grade padlock. Built to resist corrosion and harsh environments, it provides peace of mind. 3 locks included, transom mount, battery, and transom disconnect



TRANSDUCER HOLDER

SKU: 168368

Mount your Garmin transducer with confidence using a purpose-built holder designed for Halo outboards. Rugged and easy to install, it keeps your sonar equipment stable and protected while ensuring accurate, consistent readings on the water. Connects underwater to the motor pod.



MAGNET KEY KIT

SKU: 168369

Add security and simplicity with the Halo Magnet Key Kit, designed to provide quick, contactless activation of your outboard. Compact and durable, the magnetic key ensures only authorized users can operate the system, while the rugged marine-grade design resists water, salt, and daily wear. Each kit includes 2 magnet keys with straps



NMEA 2000® KIT

SKU KIT: 168371

SKU 2M Cable only: 168370

Enable seamless integration of your Halo outboard with onboard electronics using the NMEA 2000® Kit. This plug-and-play system displays real-time performance data on compatible marine displays. Built with rugged marine-grade components, it ensures reliable operation even in harsh conditions. Includes 2m cable, 4-way T connector.*Halo Series Outboards already enable 12V supply for up to 4 devices.



Dual Outboard Remote Steering Link Arm

SKU: 168425

The Dual Outboard Remote Steering Link Arm connects two Blade HALO 3, 6, or 10 outboards for synchronized steering and precise control. Built for durability and corrosion resistance, it ensures smooth, reliable performance in any marine environment.



11x20 3 Blade Propeller

SKU: 168423

This high-performance 11 × 20 three-blade propeller is designed specifically for the HALO 10 outboard.



GoPro Mount for Transom Bracket

SKU: 168433

Durable, marine-grade GoPro mount that screws directly onto the transom or outboard bracket for stable, vibration-free footage. Made from corrosion-resistant materials, it's ideal for capturing on-water action.



10x17 3 Blade Metal Propeller

SKU: 168481

Upgrading to a metal propeller delivers 5–10% faster speed and improved efficiency under load. Its rigid construction maintains blade shape at high thrust, giving smoother acceleration and better overall performance.



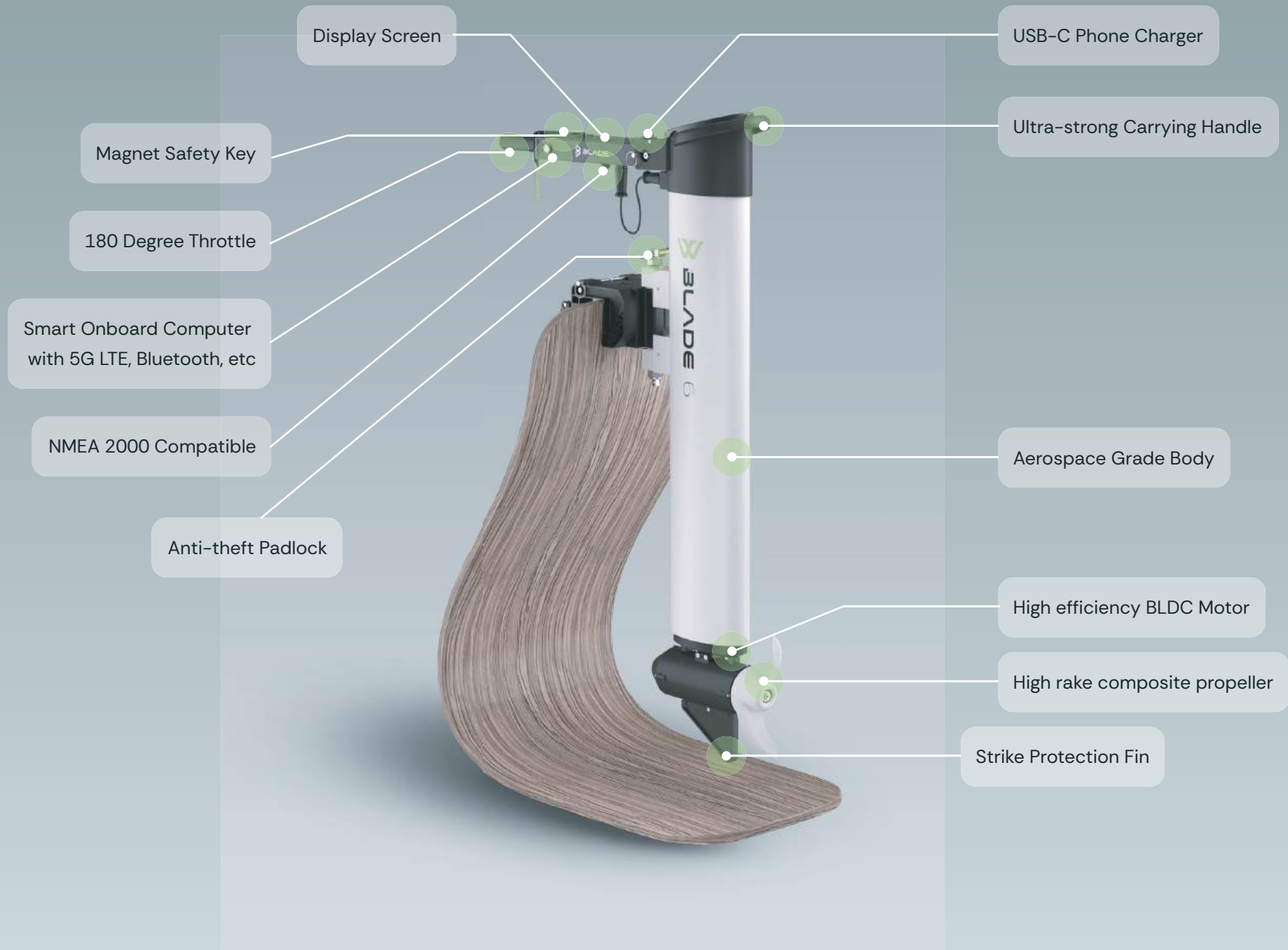
Rescue "Battle" Testing
Jiangsu, China

Scientific Explanations & Smart Features

Engineering Efficiency at Every Level

At Blade, efficiency isn't the result of a single innovation but of a complete system designed to work as one. Our outboards use water-cooled, high-KV motors optimized for marine loads, delivering high shaft speeds that pair naturally with high-pitch propellers to maximize thrust per watt. Power is managed through an advanced Field-Oriented Control (FOC) algorithm in the electronic speed controller, ensuring torque output remains perfectly aligned with real-time hydrodynamic resistance. This precise synchronization dramatically reduces energy losses, extending runtime while delivering smooth and responsive handling.

Achieving this efficiency requires far more than raw motor design. It depends on careful integration of motor physics, control electronics, and propeller hydrodynamics—the hardest part of any marine system. Even slight mismatches in this equation can cause huge inefficiencies, but Blade's engineering eliminates those gaps through rigorous testing and refinement. By embedding the motor in a hydrodynamically optimized, fully immersed pod, we maintain continuous cooling under load while minimizing drag and vibration. The result is a propulsion system where every watt is converted into useful thrust, delivering industry-leading performance and reliability.



03

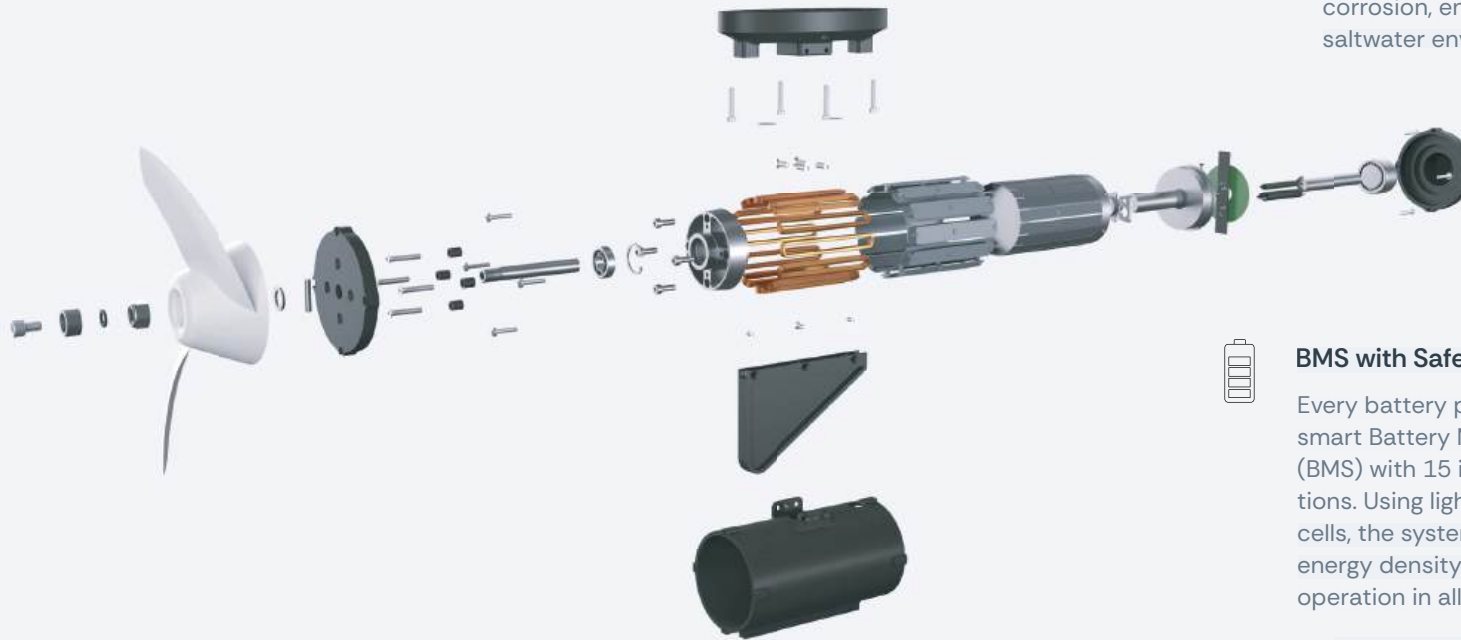
Technology Overview

The Blade Outboard system is engineered as a fully integrated propulsion platform, where every element—from the electric motor and battery management to hydrodynamics and digital controls—works seamlessly together. This holistic design delivers unmatched efficiency, quiet operation, and reliability, while reducing complexity for the operator. By uniting cutting-edge power electronics, marine-grade materials, and intelligent software, Blade ensures consistent performance in all conditions with minimal maintenance.

Blade Outboards represent a new generation of marine propulsion, built around a complete ecosystem of hardware and software. Each system combines an advanced electric drive, optimized propeller design, smart energy management, and app-based connectivity to provide boaters with real-time insights and effortless control. From packaging and durability to clean energy and intuitive user experience, the Blade platform redefines what an outboard can achieve—powerful, efficient, and ready for the future.

Scientific Explanation

At the core of every Blade Outboard is a foundation of proven engineering and material science. We focus on explaining the “why” behind our design choices, from cooling systems to structural materials, so customers can see the logic behind the build. These aren’t marketing gimmicks but hard facts based on physics, metallurgy, and marine environments. By grounding our technology in science, we show exactly how our outboards deliver durability and performance



Pod Holes for Cooling

Our outboards use a fully immersed pod design with precision-engineered cooling holes that channel water directly around the motor. This ensures stable operating temperatures even under continuous load, maximizing performance and extending component life



High-Quality Build

Each outboard is built to withstand real-world marine use, with conformal coatings on electronics, precision metal finishes, and premium-grade materials throughout. The result is durability that matches performance, season after season



Titanium Fittings

Some critical fittings are made from titanium, offering exceptional strength with significant weight savings. This marine-grade material also resists corrosion, ensuring reliability in harsh saltwater environments



BMS with Safety & NMC Batteries

Every battery pack is protected by a smart Battery Management System (BMS) with 15 integrated safety functions. Using lightweight Grade A NMC cells, the system provides maximum energy density while ensuring safe operation in all conditions



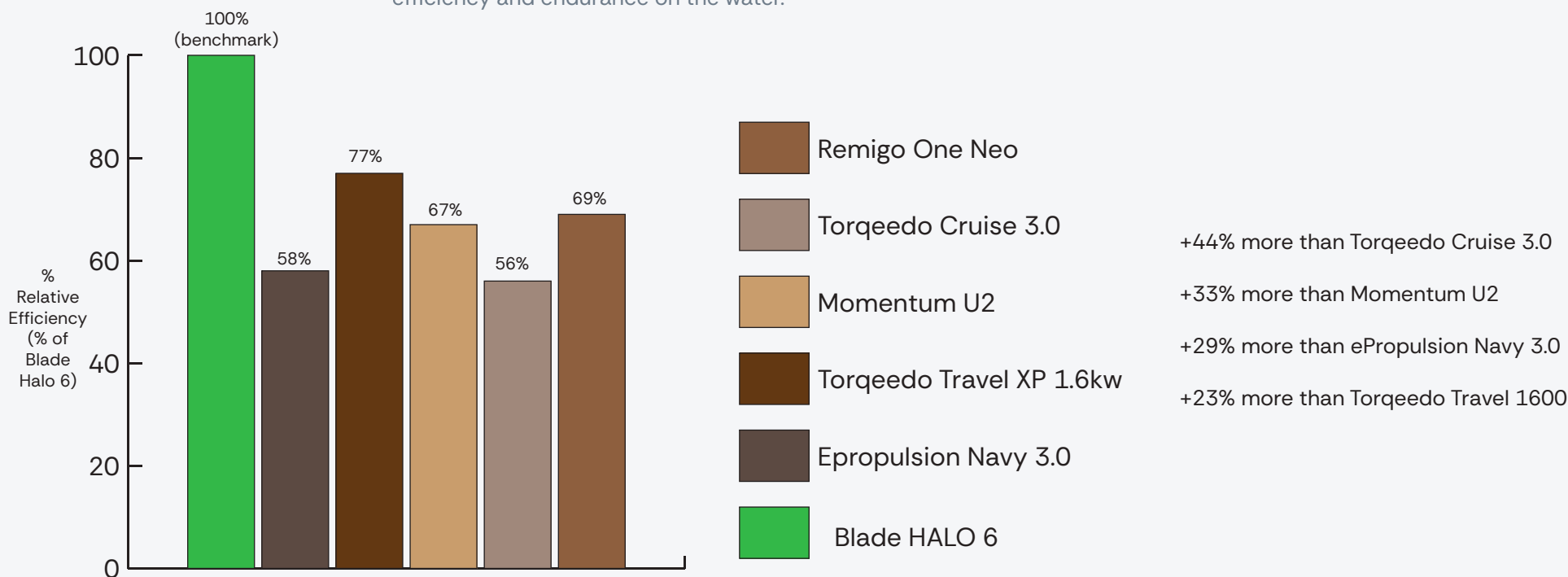
Advanced Propeller Design

Our composite Nylon propellers are engineered with advanced hydrodynamic geometry to maximize thrust and minimize drag. Lightweight yet strong, they deliver smooth, efficient performance across a wide range of conditions

HaloCore Technology

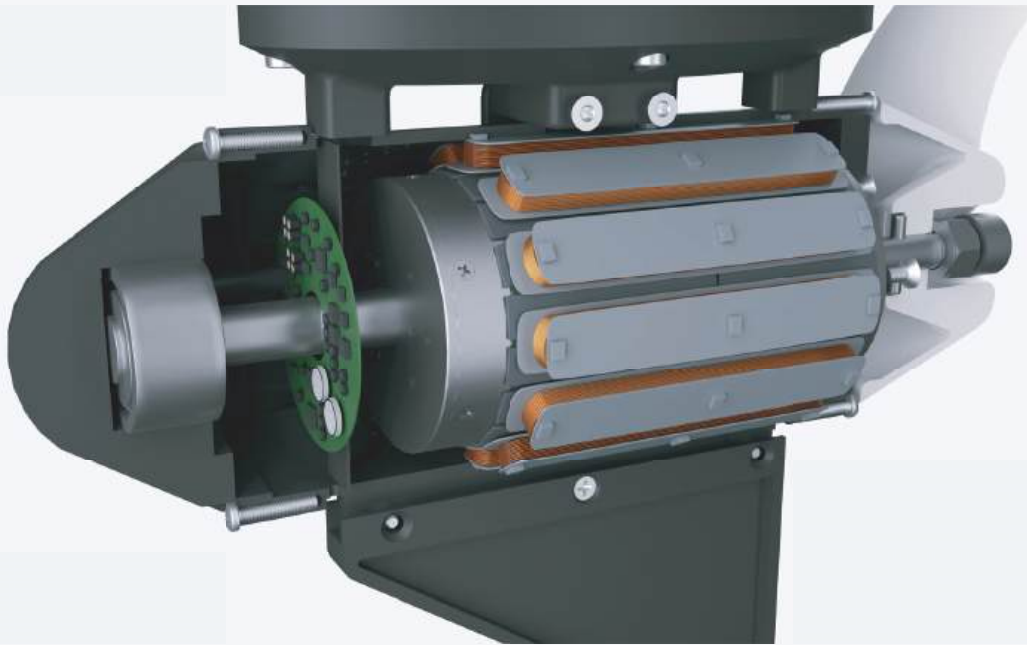
Up to 70% greater real-world propulsion efficiency compared with leading electric outboards in its thrust class

At the heart of every Blade Outboard is our proprietary HaloCORE™ drive system, a next-generation FOC-controlled BLDC motor engineered with a precision-optimized magnet configuration and advanced stator geometry. This unique construction minimizes eddy current losses, enhances magnetic flux utilization, and delivers smoother torque with cooler, quieter operation. The result — up to 70% more range and system efficiency compared to conventional marine electric drives. Our technology extracts more usable power from every watt, setting a new benchmark for real-world efficiency and endurance on the water.



Performance and efficiency data are based on internal Blade Outboards testing under controlled conditions and compared to publicly available manufacturer performance specifications for comparable electric outboards. All data reflects operation at or near each manufacturer's rated maximum power output. Actual results may vary depending on hull type, load, water conditions, and setup. Efficiency percentages represent relative real-world propulsion performance normalized to Blade Halo 6. Blade Outboards makes no claim of endorsement or validation by any third-party manufacturer named herein.

HaloCore Technology



Magnet and Structure

HaloCORE™ motors feature a proprietary high-flux magnet configuration and reinforced stator structure engineered for maximum torque density and minimal electrical loss. Every component is optimized through iterative simulation and validation to ensure unmatched efficiency and durability.

Field-Oriented Control (FOC)

Our intelligent FOC system continuously adjusts current and voltage timing in real time, maintaining perfect magnetic alignment and torque output. The result is exceptionally smooth, silent, and responsive propulsion under all load conditions.

Hydrodynamically Matched High-Pitch Propellers

Each propeller is developed through an iterative matching process with the motor's torque curve, ensuring optimal hydrodynamic efficiency. The high-pitch geometry minimizes slip, converting more rotation into forward thrust for greater range and acceleration.

Silent, Waterproof Gearing System

Instead of conventional gearboxes, Blade employs a highly engineered silent and fully sealed gearing system — designed for strength, quiet operation, and zero maintenance. This system ensures near-frictionless power delivery with minimal energy loss and total waterproof reliability.

High-Efficiency Motor Design

Combining aerospace-grade materials, precision cooling, and direct-drive efficiency, HaloCORE™ delivers industry-leading propulsive efficiency — transforming every watt into motion with unprecedented effectiveness.

This is the future of marine propulsion — built around power, precision, and pure efficiency.

Smart Technologies

Technology integration transforms the outboard from just a motor into a connected, intelligent system. With app connectivity, multiple drive modes, and advanced safety features, users can control, monitor, and optimize their boating experience like never before. The Halo line integrates seamlessly into modern marine ecosystems, bringing both convenience and cutting-edge function. This section highlights how our technology anticipates user needs and enhances every outing



App Antitheft / OTA Updates / Bluetooth

The HALO app connects via Bluetooth, giving you full access to system health, performance data, and security features. Anti-theft functions protect your outboard, while over-the-air (OTA) updates ensure your system always stays current with the latest software improvements



4G / 5G LTE

Integrated 4G/5G LTE connectivity allows your outboard to transmit real-time performance data and location information anywhere there's a signal. This advanced link keeps your boat connected for monitoring, tracking, and remote diagnostics



Dethrottle

A safety-focused dethrottle function instantly limits motor output in emergencies. Designed for quick response, it helps prevent accidents and gives operators added peace of mind.



Screen Display

A bright, high-resolution display keeps you informed with speed, battery level, range estimates, and system alerts. Designed for outdoor visibility, it ensures critical data is always easy to read at a glance



NMEA2000 Connectivity

Seamless NMEA2000 integration allows your Halo outboard to communicate with onboard navigation and instrumentation systems. It provides professional-grade compatibility for advanced marine setups



Audio & Haptic Feedback

The tiller combines audible alerts with vibration-based haptic feedback for intuitive communication.



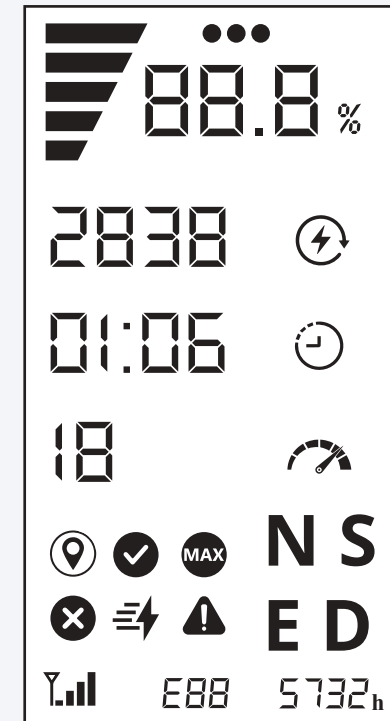
USB-C Charger

Modern USB-C charging keeps your devices powered on the water, offering convenience and practicality without compromising performance



Magnetic Safety Key

A magnetic safety key provides instant motor cutoff if removed, enhancing both safety and theft prevention. Compact and easy to use, it adds an essential layer of protection every time you operate your Halo



State of Charge %

Consumption (watts)

Hours Remaining

Speed GPS Indicated

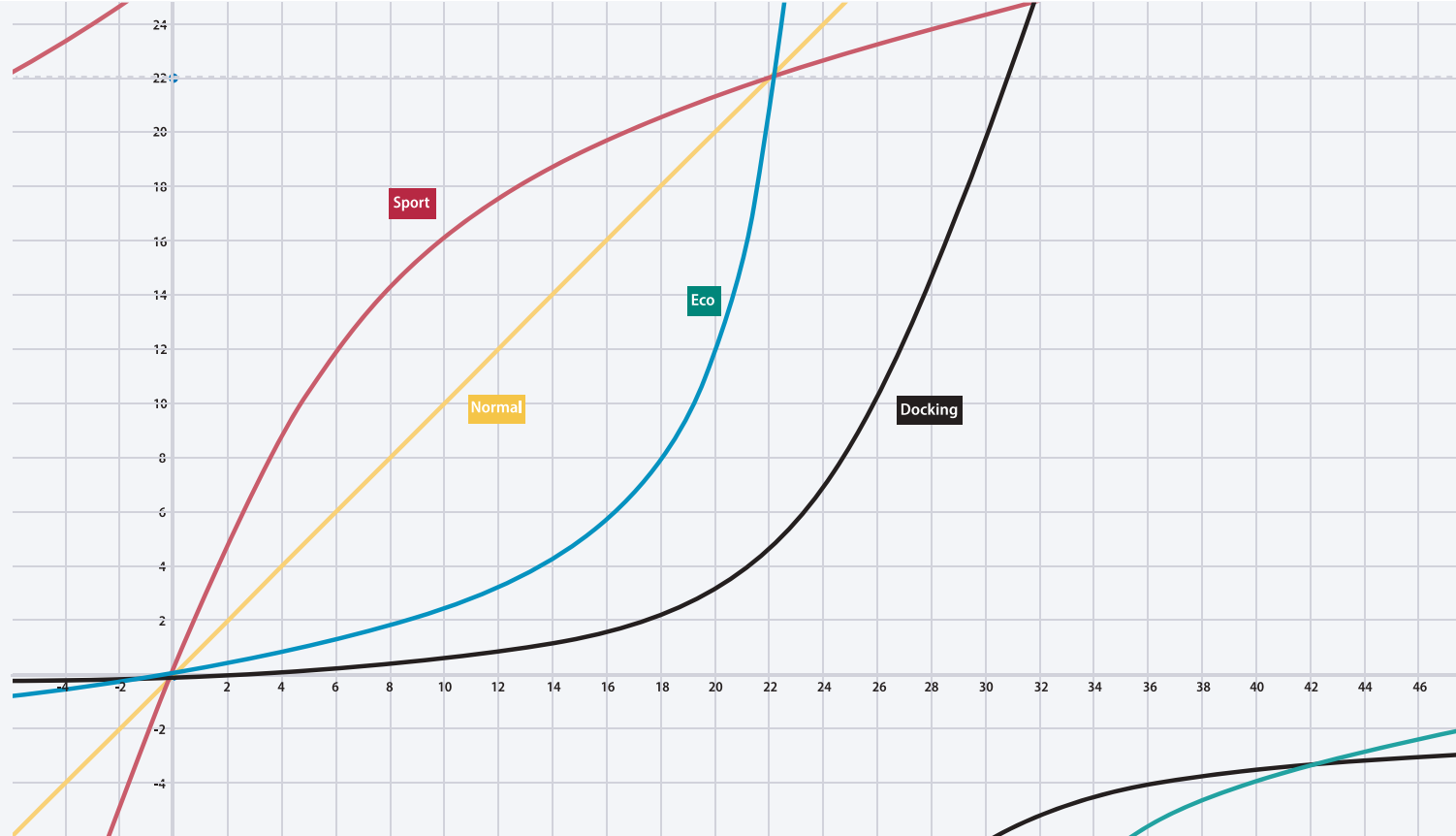
Drive Mode and Icons

NEW: "Odometer" readings in Hours on the screen

Intelligent Drive Modes

Introducing

Selectable drive modes let you adapt instantly to your environment, from open-water speed to precise docking. Choose between Sport, Normal, Eco, or Docking Mode to balance power, efficiency, and control exactly how you need it.



Drive Modes Selectable drive modes let you tailor performance to any situation:

Sport Mode – Maximum thrust and acceleration for demanding conditions

Normal Mode – Balanced power and efficiency for everyday use.

Eco Mode – Optimized energy output to extend range.

Docking Mode (Soft Start) – Gentle, precise control for low-speed maneuvering.

Boost Mode

When extra thrust is needed, Boost Mode delivers a power surge for up to 45 seconds, ideal for overtaking, rapid acceleration, or tough conditions

Tip: Docking Mode is perfect for first-time users. It provides smooth, gentle throttle control to help you learn your motor and boat handling with confidence.

What's new

2026 HALO Outboards

The 2026 HALO builds on the 2025 model, enhancing performance in ways nobody thought possible. No more slow outboards — this is electric power, redefined.



Introducing HaloCORE™ Propulsion System – A complete re-engineering of motor control and efficiency, unlocking higher top speeds and smoother, more responsive performance.

Upgraded HALO 6 Powertrain – Boosted from 2400W to 3000W for more thrust and refined acceleration across all hull types.

Advanced Drive Modes – Sport, Eco, and Docking/Learner modes customize throttle response for every condition and operator.

Integrated Cellular + Smart Security – Real-time anti-theft tracking, remote diagnostics, and performance data through built-in connectivity.

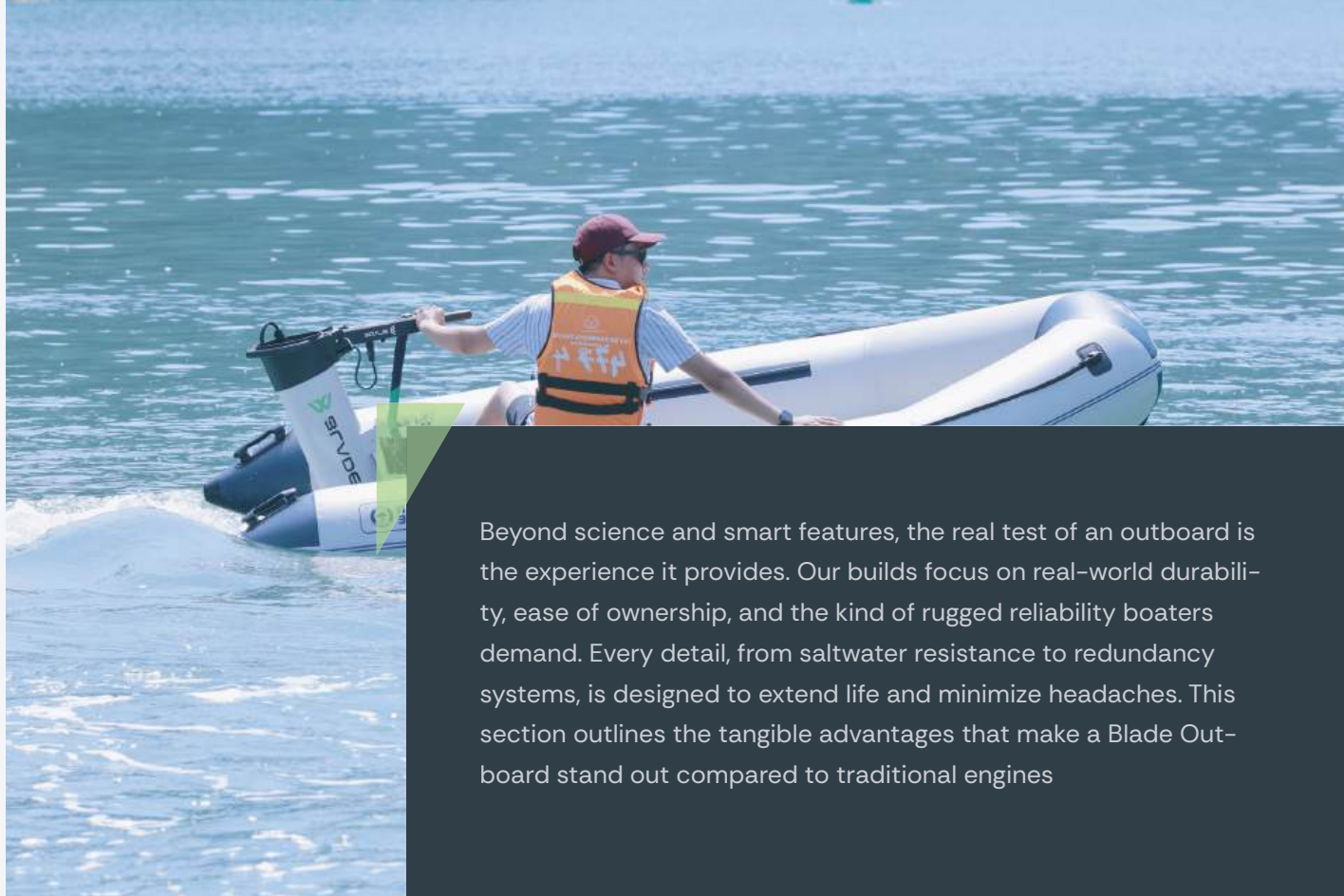
Redesigned Throttle System – Expanded 180° travel with adjustable resistance and ambidextrous configuration.

Enhanced Propeller and Mount Design – Hydrodynamically optimized blades and an improved tilt-lock mechanism for effortless handling.

Upgraded Connectivity and Feedback – Stronger Bluetooth range, haptic feedback, and next-gen GPS precision for total awareness.

Internal Suspension Battery Mount – A new isolated structure that protects and stabilizes the battery, even in rough water conditions.

HALO 3- The all-new HALO 3 delivers premium electric propulsion at an affordable price, bringing high-end performance to smaller boats and tenders. Designed to compete directly with the Epropulsion Spirit and 1 kW-class motors, it redefines value without compromise.



Beyond science and smart features, the real test of an outboard is the experience it provides. Our builds focus on real-world durability, ease of ownership, and the kind of rugged reliability boaters demand. Every detail, from saltwater resistance to redundancy systems, is designed to extend life and minimize headaches. This section outlines the tangible advantages that make a Blade Outboard stand out compared to traditional engines

Advantages

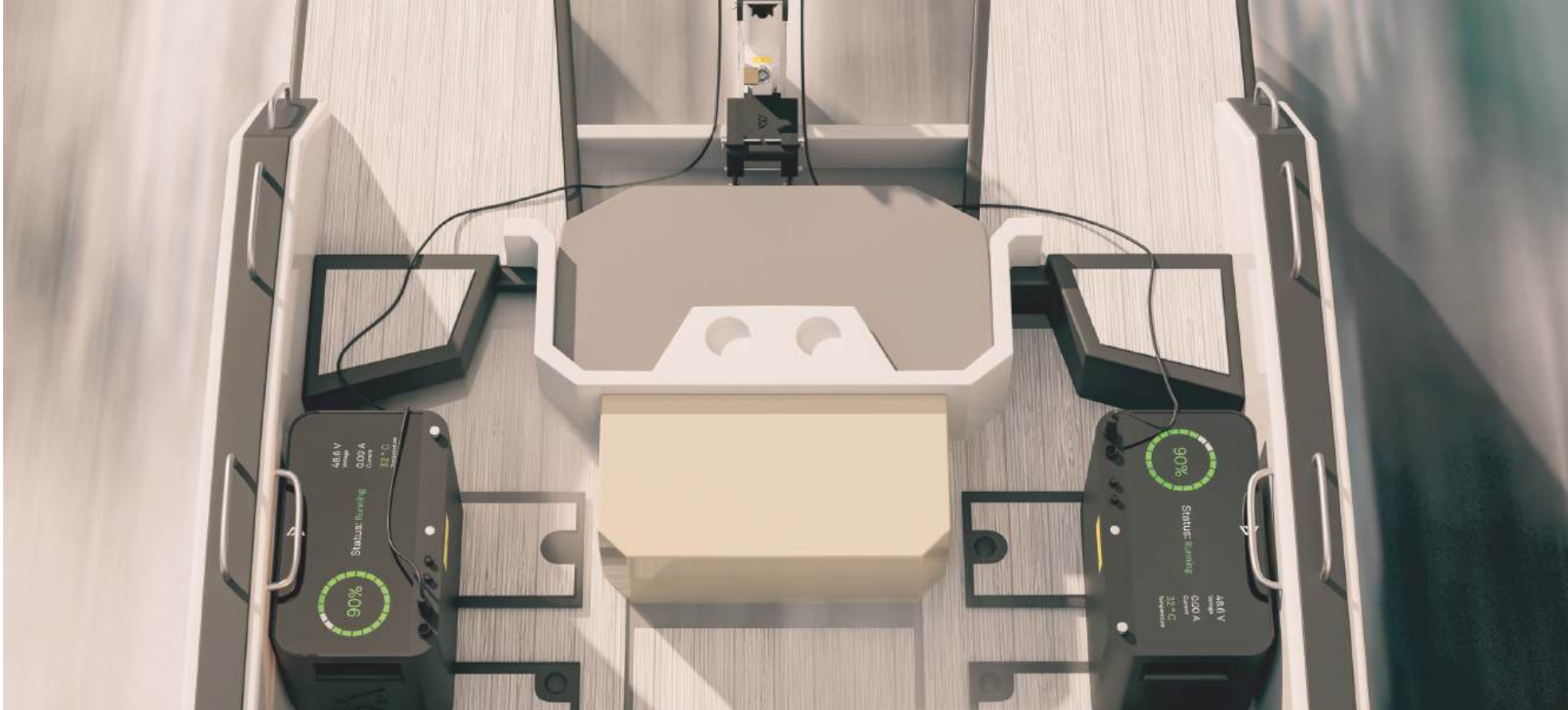
- Silent Operation** Advanced engineering and motor control eliminate the noise and vibration of traditional combustion outboards. The result is a near-silent ride, making boating more enjoyable for fishing, exploring, or family time on the water
- Corrosion Resistance / Saltwater Ready** Every Halo outboard is built for saltwater use, with multi-layer protective coatings and marine-grade materials that resist rust and degradation. From surface finishes to internal components, the system is engineered to thrive in harsh marine environments

Maintenance-Free Design	Unlike combustion engines, Halo outboards have no oil, belts, or routine servicing needs. With fewer moving parts and built-in protections, they offer years of reliable, worry-free use	Redundancy Systems	Multiple layers of built-in safety—magnetic key cutoff, dethrottle, BMS protections, and software safeguards—ensure reliable operation in all scenarios. These redundant systems provide peace of mind for every boater
Quick Mounting System	Our design simplifies installation, with a secure mounting process that makes attaching or removing the outboard straightforward. This ensures convenience for transport, storage, or switching between boats	UV-Resistant Materials	Exterior components use UV-stabilized plastics and coatings that resist fading, cracking, and brittleness from sun exposure. Even in tropical environments, Halo outboards are built to withstand years of use
Compact Storage	The clean, modular construction of the Halo outboard allows for easy storage when not in use. Designed with portability in mind, it's well-suited for boaters with limited space	Marine-Grade Fasteners & Fittings	All hardware and fittings are marine-grade, from stainless steel to titanium on critical components. This ensures long-term durability and corrosion resistance, even under continuous saltwater exposure
Universal Compatibility	Halo outboards are designed to work with a wide variety of boat types, from tenders and dinghies to RIBs and sailboats. This versatility makes them the perfect upgrade or replacement for traditional propulsion	Attention to Touch Points	Every operator interaction point—tiller grip, controls, fasteners—has been engineered with wear resistance and ergonomics in mind. High-quality finishes and robust materials ensure comfort and longevity where it matters most
Third-Party Battery Compatibility	While Halo outboards are optimized with our own battery systems, they are also compatible with approved third-party packs. This flexibility allows customers to integrate Halo propulsion into broader marine energy setups	Rudder-Shaped Body	The body is shaped like a rudder, naturally enhancing tracking and maneuverability. This design reduces drag while improving handling and control in all conditions
Firmware Customization	While Halo outboards are optimized with our own battery systems, they are also compatible with approved third-party packs. This flexibility allows customers to integrate Halo propulsion into broader marine energy setups	Industrial Design with Substance	The Halo's industrial design looks substantial and strong, with robust proportions and premium finishes. It appears as solid as it performs, instilling confidence before you even turn it on

04

Halo Ecosystem Extensions





HALO 5kW External Battery Pack

SKU 168372

For Blade Halo 3,6,10

The Halo 5 kW External Battery Pack is engineered as the ultimate energy companion for extended adventures on the water. Built with high-capacity marine-grade cells and protected by an intelligent Battery Management System, it delivers reliable power, safety, and endurance in the harshest environments. Its rugged construction, UV- and saltwater-resistant materials, and precision-engineered housing ensure performance that matches your outboard's capability. Whether used as a primary pack or as modular expansion, the 5 kW unit provides the confidence and range today's boaters demand.

Various applications including but not limited to: Boating, camping, Home Energy, etc



Key Benefits

High Capacity Energy

5 kW pack engineered for extended range

Marine-Grade Durability

UV-stable, saltwater-resistant housing

Smart BMS

15 safety protections, thermal management, balanced charging

Flexible Setup

Modular design for single or multiple pack configurations

Easy Transport

Integrated handles and compact footprint for portability

Stackable

Stack multiple battery packs in a rack style format to achieve maximum power capacity

Quick Swap Connectors

No electrical wiring experience needed, just plug and play

Affordable

Some of the lowest cost per Watt Hour on the market

LCD Screen

Beautiful LCD screen with motion sensor to always show your telemetry

Bluetooth/4G LTE

Connect with Bluetooth to your phone app to view important information

Anti-Theft

Using GPS, the battery pack has built-in “find-my” technology

Technical Specifications

Chemistry	NMC Grade A
Rated Voltage	51.4V
Capacity	5000 Wh
Battery Life	3,000 Cycles at 80% DOD
Weight	22.5kg
Dimensions	500mm x 300mm x 350mm LWH
Cut Off Voltage	23kg
Full Charge Voltage	57.6 V
Max Continuous Discharge	150A
Parallel Connection	Up to 16
Shipping Approvals	UN38.3, Class 9 UN3480
Approvals	CE, UKCA, FCC, ROHS

Series Connection	Not Permitted
Charger	Blade Charger 500W Included (10h charging)
Charging Time Level II, 220V 50A	<90 Mins
Charging Time Level I, 110V 10A	5 Hours
Charging Time from Blade Solar 400W	12.5 Hours
Charging Temp	0c to 55c
Discharge Temp	-10c to 60c
Communication	NMEA2000 (Canbus), Bluetooth, GNSS, 4G LTE

Helm Throttle Standard

SKU LEFT HANDED 168377

SKU RIGHT HANDED 168378

Wired Connection up to 5 meters

Up to 10 Hour battery use between charges

For Blade Halo Series Motors

The Halo External Wired Throttle is more than a control—it's a full command center for your outboard. Featuring a bright full-color display, integrated buzzer alerts, and intuitive controls, it keeps all key data and notifications right at your fingertips. Built tough for marine environments, it combines precision handling with real-time feedback to make every trip safer, smarter, and more enjoyable

+10 HOUR

battery use between charges





Key Benefits

Full-Color Display	Speed, battery status, range, and system alerts at a glance
Integrated Alerts	Built-in buzzer with visual and audio warnings
Precise Control	Smooth throttle response for docking, cruising, or high-speed runs
Marine-Grade Durability	UV-resistant housing and saltwater-proof electronics
Ergonomic Design	Comfortable, intuitive layout for long days on the water
Safety Ready	Magnet key compatibility and kill switch integration
NMEA2000	Compatible with NMEA2000 system

Specifications

Size	200mm x 125mm x 128mm LWH
Rated Voltage	48V
Weight	<1KG
Includes in Box	Magnetic Key x1, throttle x1, mounting hardware, literature, charger
Operation Temp	-5c to 50c
Communication	NMEA2000 (Canbus), 4G/5G LTE, Bluetooth
Approvals	CE, UKCA, FCC, ROHS
Wire Length	5 meters

**Compatible with all Halo outboards and Halo accessories. Extension kits available for helm or remote installations*

Helm Throttle Wireless Pro

SKU LEFT HANDED 168379

SKU RIGHT HANDED 168380

Wireless Connection up to 25 meters
Up to 10 Hour battery use between charges
For Blade Halo Series Motors

The HALO External LoRa Wireless Throttle is more than a control—it's a complete command hub for your outboard. Using long-range LoRa technology, it delivers real-time data and precise control completely wire-free, powered by integrated solar panels for continuous operation. With a bright full-color display, intuitive interface, and rugged marine-grade design, it keeps you connected, informed, and in command wherever you go.



Solar Panels embedded
for a "forever" charge





Key Benefits

Full-Color Display	Speed, battery status, range, and system alerts at a glance
Integrated Alerts	Built-in buzzer with visual and audio warnings
Precise Control	Smooth throttle response for docking, cruising, or high-speed runs
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Approvals	CE, UKCA, FCC, ROHS
Wire Length	5 meters

**Compatible with all Halo outboards and Halo accessories. Extension kits available for helm or remote installations*

HALO Battery & Throttle Accessories





BATTERY JOINERY PLATE KIT

SKU: 168381

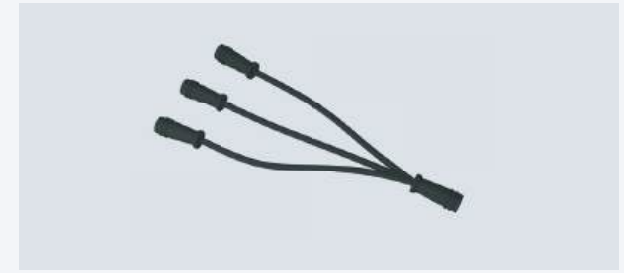
Heavy-duty plates designed to securely connect multiple battery modules. Ensures stable electrical and mechanical connections for high-performance marine systems. Made from Stainless Steel 304. Each kit is to connect 2 batteries



FLOOR MOUNTING BRACKET SET

SKU:168382

Sturdy bracket for securing batteries or components to the floor of your boat. Provides vibration resistance and ensures safe, stable installation in marine environments. Made from SS304



BATTERY PARALLEL T CONNECTOR

SKU 2 Batteries: 168383

SKU 3 Batteries:168384

Sku 4 Batteries:168385

SKU 5 Batteries:168386

SKU 6 Batteries:168387

Allows parallel connection of 2, 3, 4, 5, or 6 batteries. Optimized for safe, high-current applications. Cable length is 6m total, with split at 1 meter.



BATTERY EXTRA LONG CABLES

SKU 5 meter: 168388

SKU 10 meter: 168389

Available in 5-meter and 10-meter lengths. Heavy-duty cables designed for flexible battery placement while maintaining safe, low-resistance connections. Caution: Over 5 meters, communication may be slower or intermittent



BATTERY CABLE WITH LUGS

SKU 4 meter: 168390

SKU 10 meter: 168391

Available in 4-meter and 10-meter lengths. Pre-terminated heavy-duty cables with secure lug connections for easy installation and reliable current transfer. For 5kW battery only.



BATTERY CHARGER LEVEL II

US Plug SKU: 168392

EU Plug SKU: 168393

UK Plug SKU: 168394

High-performance charger designed for rapid and safe charging of compatible battery packs. Optimized for marine and off-grid applications. Plug into any compatible outlet such as at camping sites, or household appliance with sufficient ratings for level 2 charging. 32 Amps power draw nominal.

Lifestyle Gear



BLADE OUTBOARDS X TRO – SUPERLEGGERA 1/4" DRIVE RATCHET

SKU Black A la Carte: 168397

SKU Gold A la Carte : 168396

SKU Black 7pc Set : 168397

Engineered from aerospace-grade Titanium Ti-6Al-4V (Grade 5), the Superleggera is the lightest and strongest 1/4" drive ratchet on earth. Weighing just 51 grams, it delivers unmatched strength-to-weight performance. Third-party tested to a maximum failure torque of over 73 ft-lbs (99 Nm), it far exceeds the demands of propeller replacements and other critical jobs on boats and sailboats. At 125 mm (5") in length, this TSA-approved tool is compact enough for carry-on luggage yet powerful enough for any task. If James Bond carried tools, this would be in his kit—the true 007 of ratchets

- Standalone – A La Carte: Ratchet only, perfect for those who want just the ultra-light, titanium 1/4" drive Superleggera ratchet.
- Set – 7-Piece Kit: Includes the Superleggera ratchet plus six high-quality titanium sockets (6, 8, 10, 12 mm), a superalloy steel extension, and a compact carrying case. Designed for marine use, on-the-go repairs, or professional toolkits.



T-SHIRT UNISEX

SKU S: 168881

SKU M: 168405

SKU L: 168406

SKU XL: 168407

SKU XXL: 168408

Premium soft cotton-blend tee featuring Blade branding. Breathable and lightweight, it's designed for comfort whether working on the water, enjoying casual outings, or traveling. Durable yet soft, it holds its shape and color through repeated wear, making it a versatile staple for any marine lifestyle wardrobe. European sizes



Regatta Duffle Bag

SKU: 168402

Waxed Canvas Duffle Bag, Regatta Bag, BLADE Custom Regatta Sail Bags for Sailors On the Go



BALLCAP HAT

SKU: 168400

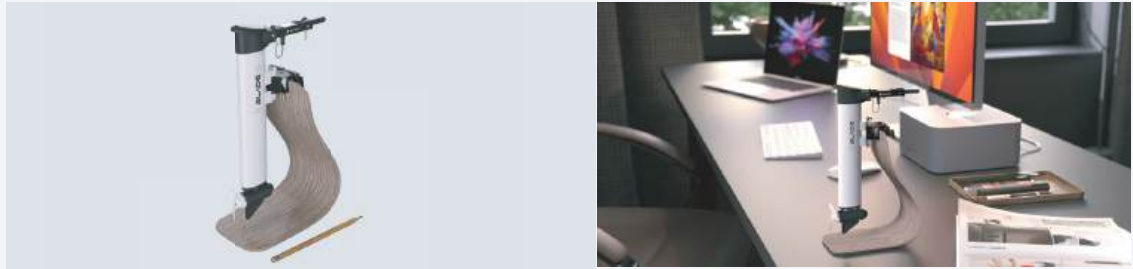
Classic adjustable ballcap featuring an embroidered Blade logo. Made from breathable cotton, it keeps you cool and comfortable on sunny days, whether you're on the water or on land. The curved visor provides optimal sun protection, while the adjustable strap ensures a perfect fit for any head size. A timeless accessory for both casual and active marine lifestyles.



PHONE HOLDER WATER POUCH

SKU: 168401

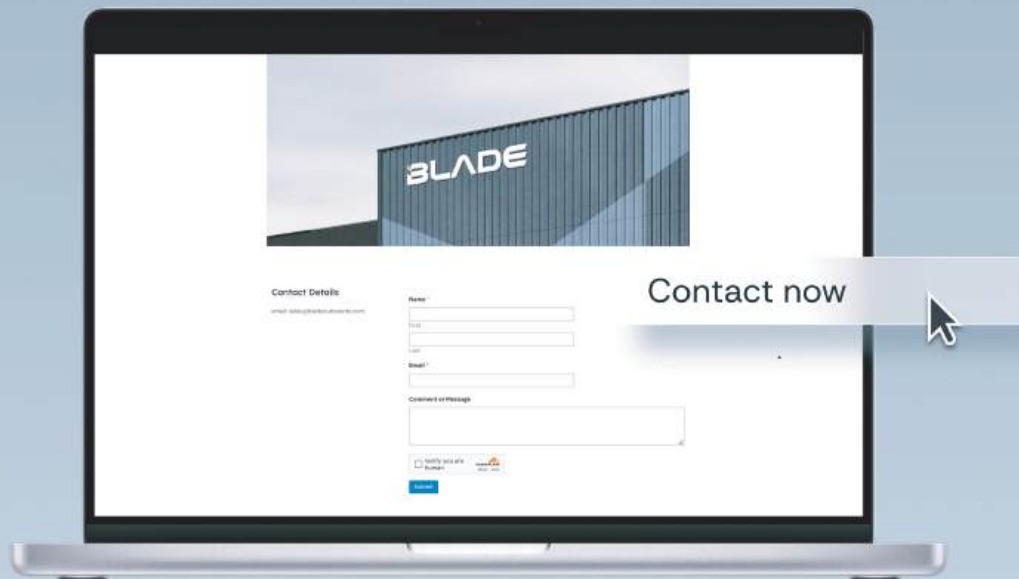
Protect your phone in style with this clear, waterproof pouch featuring a secure lanyard. Fully functional, it allows touchscreen operation, calls, and navigation while keeping your device safe from splashes, rain, and accidental drops overboard. Essential for boating, kayaking, or any water-based activity, it ensures your phone stays dry and accessible.



SCALE MODEL 1:8

SKU: 168410

Highly detailed collector's model of the Blade Halo, capturing the sleek design and precision engineering of the real craft. Perfect for display, gifting, or as a keepsake for enthusiasts, this scale model celebrates Blade's marine innovation in miniature form. Durable construction ensures it remains a cherished piece for years to come. 6" tall with a stand, comes assembled for easy displaying.



Warranty and Support

All Blade products come with a 2-year standard warranty, protecting you against any manufacturer defects. Enjoy complete peace of mind knowing your investment is backed by our commitment to quality and reliability. Commercial use is included free of charge!

Free Lifetime Support

Lifetime support line for all products. Frequently updated knowledge base: support.bladeoutboards.com
Worldwide support centers ready to assist with any issue. DIY solutions available, guided via technician video calls for simple fixes.

See Blade Outboard's IT system statuses at status.bladeoutboards.com

support.bladeoutboards.com

Anti-Counterfeit Protection

Each outboard includes an anti-counterfeit system to guarantee genuine parts and authentic Blade Outboards products



Fast, Global Response

Staffed globally to minimize downtime.

<24-hour initial response during business hours.
<72-hour meaningful response for resolving issues.

Designed to keep you on the water with minimal interruption



Extended Warranty (+1 Year)

SKU Recreational : 168411

SKU Commercial: 168420

Take your protection to the next level with our optional 1-year extended warranty, giving you a total of 3 years of coverage. Perfect for commercial users or anyone who wants extra peace of mind, this extension ensures your Blade Outboard stays backed by our premium support and unmatched reliability. Includes full access to our lifetime support line, knowledge base, and worldwide service centers.



Extended Warranty (+2 Year)

SKU Recreational : 168418

SKU Commercial: 168421

Take your protection to the next level with our optional 1-year extended warranty, giving you a total of 3 years of coverage. Perfect for commercial users or anyone who wants extra peace of mind, this extension ensures your Blade Outboard stays backed by our premium support and unmatched reliability. Includes full access to our lifetime support line, knowledge base, and worldwide service centers

Governments & Fleets

Blade Outboards understands the unique requirements of professional, government, and fleet operations.

The BladeX program is tailored to provide robust, reliable, and fully supported electric outboards for specialized applications



Custom Configurations

Outboards can be configured to meet specific operational requirements, including extended range, custom mounting, or integrated telemetry



Fleet Support

Dedicated account managers, priority technical support, and streamlined maintenance programs ensure minimal downtime for multiple-unit operations



Government & Commercial Compliance

Products are built to comply with applicable marine safety and environmental standards



Training & Documentation

Operators receive comprehensive manuals, training materials, and support resources tailored for professional use



Global Logistics

Direct shipping to government depots, fleet bases, or ports, including handling of import/export requirements and customs documentation



Global Manufacturing

Custom assembly and data requirements can be met on a case by case basis



Connected Fleet Portal: 4G/5G LTE

connectivity allows fleet operators to access real-time telemetry, maintenance alerts, and operational dashboards via a subscription-based BladeX fleet portal





Blade Customs Division

Why Choose BladeX Customs?

Each unit is built with the same proven reliability as our standard models. Our engineers work with you to meet exact specs while maintaining Blade's signature durability and performance. Contact us for any BladeX Customs inquiries

Titanium (Ti-6Al-4V)

ultra-lightweight and corrosion-resistant, perfect for high-performance applications

Carbon Fiber

for exceptional strength-to-weight ratios and sleek, modern aesthetics

Gold, Anodized Aluminum, and Specialty Metals

for premium finishes, corrosion resistance, or fleet identification

Other Advanced Composites

engineered for specific operational or environmental needs



Custom Sizing & Configuration

Hull-mounted or pod designs tailored to your vessel.

Adjustable shaft lengths, mounting brackets, and battery interfaces.

Optional high-performance or specialized components for extreme conditions

Exclusive Options

Limited-edition finishes and branding. Laser engraving, custom colors, or corporate fleet identification.

Integration with telemetry, sensors, or fleet portal connectivity



Own the Water with Blade Outboards

Step into the ultimate marine experience with the Blade 3, 6, or 10, powered by high-performance batteries and paired with the Pro Helm Throttle—wired or wireless. Combine with our premium accessories for a setup that's precision-engineered, overbuilt, and ready for anything.

Every Blade Outboard is crafted for maximum reliability, extreme performance, and effortless control. Light, powerful, and quiet, it's designed to handle everything from calm lake runs to high-speed ocean adventures—no compromises. Various applications including but not limited to: Boating, camping, Home Energy, etc

Own the water. Dominate every launch. No more slow outboards.

Whether it's your first Blade or your next upgrade, this is more than an outboard—it's freedom, precision, and power in one sleek package

Range Engineered

Go farther, faster, and smarter, without worrying about reliability

Ultimate Control

Responsive throttles, precise handling, and smooth operation at any speed

Unmatched Engineering

Overbuilt for durability, tested to exceed limits, designed to last



Watch our Halo 6 in Action

Contact Us

www.bladeoutboards.com
sales@bladeoutboards.com



@BLADEOutboards @BLADE_Outboards

Follow us on Social Media for the latest updates.



Our Legal

Safe Boating Program

As part of the Blade Outboards Safe Boating Program, we emphasize that true performance begins with safety and responsibility on the water. Always operate your vessel in full compliance with local laws and regulations, and never drive under the influence of alcohol, drugs, or when fatigued. Each operator and passenger should wear a properly fitted, Coast Guard–approved life jacket, and all safety equipment should be maintained in working condition. Conduct a pre-departure inspection, verify battery charge and system readiness, and confirm all controls and steering operate smoothly. Remain alert to changing weather and water conditions, maintain a safe speed, and always yield to swimmers and smaller craft. Safe boating is not optional — it is a core part of Blade’s philosophy of engineering excellence, ensuring every journey is as secure as it is exhilarating.

Disclaimers

All specifications and performance data are approximate and may change without notice. Actual results vary with water conditions, load, and maintenance. Connectivity (3G/4G/5G, GPS) may be limited by region or regulation. Coverage and speed are not guaranteed. Operators are responsible for safety—always wear a life jacket, follow local marine laws, and never operate under the influence. “No More Slow Outboards” is a marketing catchphrase used to express Blade’s performance philosophy and comparative results. It refers to measured speed advantages over typical 1–3 kW class competitors and is not a performance guarantee or a registered trademark. Availability and pricing are subject to change and may vary by location; not all products are available in all regions. Blade Marine Technologies Limited has no legal nexus to the United States, despite certain shareholders or directors being U.S. persons and the product’s original design in Florida. All competitor comparisons and performance claims are made in good faith and based on reasonable estimates; users are encouraged to conduct their own research. All information is provided “as is” without warranty, express or implied.

All logos, branding, product names, images, and designs are the property of Blade Marine Technologies Limited or their respective trademark holders, including but not limited to NMEA2000®, TRO Designs®, Bluetooth®, James Bond®, and Blade Outboards®. Unauthorized use, reproduction, or duplication is prohibited. Blade Outboards has implemented an anti-counterfeit system. Always verify the authenticity of all Blade communications, products, and accessories before use.

All warranties are subject to Blade Outboards’ official warranty policy. Coverage is limited and excludes normal wear and tear, misuse, abuse, or neglect, unauthorized repairs, modifications, or self fixes, and third-party batteries, accessories, or components. Environmental or accidental damage is also excluded. Extended or commercial warranties may have additional terms. Fleet, custom, and BladeX configurations are evaluated on a case-by-case basis and are not guaranteed under standard warranties.

All batteries and electronics must be disposed of per local regulations to avoid fines or hazards. Fleet, commercial, and custom products are case-specific, with no guaranteed performance or coverage. Competitor references are informational only. Specifications, pricing, and availability may change without notice, and Blade Outboards reserves the right to modify or discontinue products anytime

All Blade Outboards products, accessories, and systems are intended solely for their specified marine applications. Use of our products is at your own risk. Blade Outboards, its officers, employees, and affiliates are not liable for any direct, indirect, incidental, or consequential damages, including injury, property damage, or financial loss resulting from use, misuse, or modification of our products. Users agree to indemnify and hold harmless Blade Outboards against any claims arising from operation, installation, or alteration of its products.

Global Offices & Compliance



Manufacturing

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TECHNOLOGY CO., LTD**

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LIMITED**

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Queen's Rd Central Sheung Wan,
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Tax: 77940605

Process Technical Office

**TNHH BLADE
TECHNOLOGIES**

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THE YEAR OF
BLADE

